## Object position detector with edge motion feature

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Applicant:

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- international:

G06F3/033; G06K11/16

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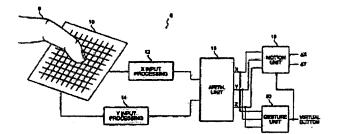
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Abstract not available for AU3544395 Abstract of correspondent: **WO9607966** 

A proximity sensor system includes a sensor matrix array having a characteristic capacitance on horizontal and vertical conductors connected to sensor pads. The capacitance changes as a function of the proximity of an object or objects to the sensor matrix. The change in capacitance of each node in both the X and Y directions of the matrix due to the approach of an object is converted to a set of voltages in the X and Y directions. These voltages are processed by circuitry to develop electrial signals representative of the centroid of the profile of the object, i.e., its position in the X and Y dimensions. Noise reduction and background level setting techniques inherently available in the architecture are employed. The speed of the cursor movement depends on the one of the display it resides.



Also published as:

WO9607966 (A1)

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